

ABSTRACT OF THE DISCLOSURE

The present invention is provided with: an encoder for encoding information with a fixed encoding rate; a system controller for converting the encoded information into format information based on the above recording format; and a pickup for recording the converted format information in a DVD-R. A VOB is formed so that required time for reproduction of the VOB in the recording format is a fixed time in association with the encoding rate thereof, the VOB is formed with the number of the VOB included in the VOB defined as a constant number in the above recording format, address information for indicating a recording position on the DVD-R 1R of the VOB, in which the required time for reproduction is defined as a fixed time, is generated and the above format information is generated by making the generated address information contained in the VOB.